

**TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL**

NASA/GODDARD SPACE FLIGHT CENTER

P. 1 of 2

**REQUEST FOR TASK PLAN / TASK ORDER**

CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NAS5- 99124 TASK NO. 247 AMENDMENT	480-615-31-22-89	00

TASK TITLE: (NTE 80 characters; include Project name)

**POES Delta Launch Vehicle Integration Engineering Services**

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)	DATE	ORG CODE	MAIL CODE	PHONE
Willis S. Jenkins, Jr. <i>[Signature]</i>	3/21/00	565	480	301-286-4294
BRANCH HEAD	DATE	CODE		PHONE
Karen Halterman <i>[Signature]</i>	3/21/00		480	301-286-8633
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)	DATE	CODE		PHONE
Robert S. Lehair, Jr. <i>[Signature]</i>	3/31/00		560	301-286-6588

FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE (IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)	CONTRACTING OFFICER'S QUALITY REP.	DESIGNATED FAM:
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.	(To be completed by Contracting Officer) <b>C.O. Requested Quote on:</b> <b>Date:</b>
---	---

Contractor will develop specification or statement of work under this task for a future procurement. <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Flight hardware will be shipped to GSFC for testing prior to final delivery. <input type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	
Government Furnished Property/Facilities: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES - SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)	
Onsite Performance: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	If yes: <input type="checkbox"/> TOTAL <input type="checkbox"/> PARTIAL If partial, indicate onsite work in SOW by asterisk (*)
Surveillance Plan Attached: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Highlighted Contract Clauses: (to be completed by Contracting Officer)	

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be 5/1/00.

**INCENTIVE FEE STRUCTURE (check one)**

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	<input checked="" type="checkbox"/> No. 1	No. 2	No. 3	No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 163,902.

The target fee of this task order is \$ 10,654.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 174,556.

The maximum fee is \$ 15,571.

The minimum fee is \$0.

AUTHORIZED SIGNATURE:	<b>ELIZABETH J. AUSTIN</b>
<i>[Signature]</i>	CONTRACTING OFFICER
SIGNATURE OF CONTRACTING OFFICER	TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:	
AUTHORIZED SIGNATURE	DATE

## REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	NAS5-	TASK NO.	AMENDMENT
QSS Group, Inc.	99124	247	

Applicable paragraphs from contract Statement of Work: 2B

**STATEMENT OF WORK:** (Continue on blank paper if additional space is required)*(This is a follow-on to Task 39 under this contract; uninterrupted transition is required.)*

The contractor shall provide experienced systems engineering services to interface between the NOAA-N, and N' satellites to ensure that all components and systems meet their intended design and performance specifications and are sufficient to ensure mission success. The contractor shall provide the following services for satellite and launch vehicle development, interface specification and evaluation, and launch vehicle accommodation:

1. Provide engineering expertise and perform the duties of the lead POES Delta Interface Systems Engineer to review and monitor the prime contractor's efforts to assure that the satellite meets the POES Project and mission requirements.
2. Maintain cognizance of the prime contractor's activities for the design, design modifications, analysis, procurement, development, fabrication, test, troubleshooting and integration of the spacecraft and it's subsystem components.
3. Identify technical and schedule problem areas to the POES Observatory Manager with supporting rationale and recommended solutions or analysis.
4. Identify and perform independent studies and analysis.
5. Participate in relevant technical meetings and reviews.
6. Provide input to the POES Observatory Manager on prime contractor data deliverables for contractual and technical content.
7. Participate in spacecraft integration and testing, pre-mission operations activities, launch, on-orbit spacecraft checkout and orbital anomaly meetings and investigations.
8. Provide services for closure of recommendation for action items from Code 300 reviews.
9. Participate in requirements flowdown activities.

**PERFORMANCE SPECIFICATIONS:**

Weekly Status Report to include: problems/issues related to the POES to Delta interface and recommended resolutions.

Examples of deliverables and requirements contained in the SOW will be provided to the contractor.

**APPLICABLE DOCUMENTS:**

Performance Specification for the NOAA-K,L,M,N&N-prime Satellites: GSFC-S-480-25.1

Performance Assurance Requirements for the NOAA-K,L,M,N,N-prime Satellites: GSFC-S-480-26.1

Performance Specifications for the NOAA-KLMNN' spacecraft subsystems

**TASK END DATE:** 4/30/01**MILESTONES/DELIVERABLES AND DATES:**

Status Reports: Weekly

Summary Reports: Four weeks after each major project prime contractor (LMMS) review (PDR,CDR,PER, PSR and LRR).

Trip report: 2 weeks after completion of the trip

Participate in NOAA-L Launch site build pre-launch meetings and reviews -- ~~3/27-29/00~~ 5/8-11/00

Participate in Delta launch vehicle reviews -- TBD

Participate in weekly telecons with KSC for the POES Titan vehicle

Participate in weekly telecons with LMSS for the POES Delta vehicle

Support Titan and Delta Launches, when applicable 7/28-8/19/00

**PERFORMANCE STANDARDS:**

**Schedule:** On-time delivery of requested reports

**Technical:** Acceptance of completed test reports and/or analysis

**FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):**

Willis S. Jenkins, Jr., building 6, room W208

MAY 30 2000